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-61. An IgG immunoglobulin comprising heavy and light chain variable regions as encoded by the amino acid sequences set forth in SEQ ID NO:219 and SEQ ID NO:220, respectively.

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62. An immunoglobulin or antigen binding fragment thereof comprising heavy and light chain variable regions,

said heavy chain variable region comprising

(a) a complementary determining region 1 (CDR1) having the amino acid sequence encoded by bases 148-162 of SEQ ID NO:205; and

(b) a complementary determining region 2 (CDR2) having the amino acid sequence encoded by bases 205-252 of SEQ ID NO:205; and

(c) a complementary determining region 3 (CDR3) having the amino acid sequence encoded by bases 349-369 of SEQ ID NO:205; and

said light chain variable region comprising

(a) a complementary determining region 1 (CDR1) having the amino acid sequence encoded by bases 136-168 of SEQ ID NO:206; and

(b) a complementary determining region 2 (CDR2) having the amino acid sequence encoded by bases 214-234 of SEQ ID NO:206; and

(c) a complementary determining region 3 (CDR3) having the amino acid sequence encoded by bases 331-357 of SEQ ID NO:206.

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63. An immunoglobulin or antigen binding fragment thereof comprising heavy and light chain variable regions,

said heavy chain variable region comprising

(a) a complementary determining region 1 (CDR1) having the amino acid sequence encoded by bases 148-162 of SEQ ID NO:207; and

(b) a complementary determining region 2 (CDR2) having the amino acid sequence encoded by bases 205-255 of SEQ ID NO:207; and

(c) a complementary determining region 3 (CDR3) having the amino acid sequence encoded by bases 352-375 of SEQ ID NO:207; and

said light chain variable region comprising

(a) a complementary determining region 1 (CDR1) having the amino acid sequence encoded by bases 136-168 of SEQ ID NO:208; and

(b) a complementary determining region 2 (CDR2) having the amino acid sequence encoded by bases 214-234 of SEQ ID NO:208; and

(c) a complementary determining region 3 (CDR3) having the amino acid sequence encoded by bases 331-357 of SEQ ID NO:208.

7 64. An immunoglobulin or antigen binding fragment thereof comprising heavy and light chain variable regions,

said heavy chain variable region comprising

(a) a complementary determining region 1 (CDR1) having the amino acid sequence encoded by bases 160-174 of SEQ ID NO:219; and

(b) a complementary determining region 2 (CDR2) having the amino acid sequence encoded by bases 217-264 of SEQ ID NO:219; and

(c) a complementary determining region 3 (CDR3) having the amino acid sequence encoded by bases 361-381 of SEQ ID NO:219; and

said light chain variable region comprising

(a) a complementary determining region 1 (CDR1) having the amino acid sequence encoded by bases 142-174 of SEQ ID NO:220; and

(b) a complementary determining region 2 (CDR2) having the amino acid sequence encoded by bases 220-240 of SEQ ID NO:220; and

(c) a complementary determining region 3 (CDR3) having the amino acid sequence encoded by bases 337-363 of SEQ ID NO:220.